BRUHAT BENGALURU MAHANAGARA PALIKE

TENDER DOCUMENT – KW3

(WORKS COSTING LESS THAN Rs. 100 LAKHS)

Name of Work: Drilling of Borewell and Erection of Pumpset, Electrification to Borewell at Chikkabettahalli, Doddabettahalli and Annthapura Village Areas in Attur Ward No.03 of Yelahanka Satellite Town Sub Division

Estimate Cost: 80.00 Lakhs

BRUHAT BENGALURU MAHANAGARA PALIKE

No: BBMP/EE/YNK.D/E-PMT/10/2023-24

Office of the Executive Engineer
Yelahanka division, Bangalore – 560064.
Dated : 03-02-2024

INVITATION FOR TENDER (IFT)
(Two Cover system)
(Short term- Tender Notification)
(Through Karnataka Procurement Public Portal only)

1. The Executive Engineer Yelahanka Division invites tenders on behalf of the commissioner, BBMP, Bengaluru from eligible Tenderers for the construction of works detailed in the table below. The tenderers may submit tenders for works given in the table through e-procurement portal of the Government of Karnataka (viz https://kppp.karnataka.gov.in).The Tenderers are advised to note the minimum qualification criteria specified in Clause 3 of the Instructions to Tenderers to qualify for award of the contract **as per standard tender document KW-01, KW-02, KW-03 & KW-04**
2. Tenders must be accompanied by Earnest Money Deposit specified for the work in the table below. Earnest money deposit will have to be in any one of the forms as specified in the Tender document (Minimum of Rs.1,00,000/- through e-payment under of the following i.e., online/RTGS /NEFT /OTC and the balance by bank guarantee issued by Nationalized / Scheduled Bank and shall have to be valid for 180 days beyond the validity of the tender)
3. Tenders must be submitted online through e-procurement portal on or before 16.00 hours on 16-02-2024 and the opening of tenders will be as per the Karnataka Public Procurement Portal guidelines.
4. GST Shall be Paid to the tendered amount separately
5. Other details can be seen in the tender documents.

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Sl. No.	Name of the Work	Est. Cost in Lakhs	EMD in Rs	Category	Cost of Tender form in Rs.	
01	Drilling of Borewells and Providing Pump, Motor and Electrification Works To 110 Villlage Areas in Ward No-01 and Ward No 03 of Yelahanka Division	80.00	160000/-	Others	As per KPP Portal	[illegible]
02	**Drilling of Borewell and Erection of Pumpset, Electrification to Borewell at Chikkabettahalli, Doddabettahalli and Annthapura Village Areas in Attur Ward No.03 of Yelahanka Satellite Town Sub Division**	80.00	160000/-	Others	As per KPP Portal	[illegible]
03	Drilling of Borewell and Erection of Pumpset, Electrification to Borewell at Nagenahalli, Harohalli, Kenchenahalli Village Areas in Kempegowda Ward No.01 of Yelahanka Sub Division	70.00	140000/-	Others	As per KPP Portal	180 days
04	**Repairs and Maintenance of existing borewells in ward no 03 Attur**	25.00	50000/-	Others	As per KPP Portal	365 days
05	Repairs and Maintenance of existing borewells in ward no 01 Kempegowda.	20.00	50000/-	Others	As per KPP Portal	365 days
06	**Resurfacing of roads at Judicial Layout in ward no 04 of Yelahanka sub division**	100.00	200000/-	Others	As per KPP Portal	90 days
07	Resurfacing of roads at A sector, B sector in ward no 04 of Yelahanka sub division	100.00	200000/-	Others	As per KPP Portal	90 days
08	**Improvements to drains and roads at Maruthinagara in ward no 01 of Yelahanka sub division**	100.0	100000/-	SC	As per KPP Portal	90 days
09	Improvements to drains and roads at Yelahanka old town and Surabhi Layout in ward no 01 of Yelahanka sub Division	100.00	100000/-	SC	As per KPP Portal	90 days
10	**Improvements to drains and roads at Chowedshwari Layout, Kondappa Layout in ward No 02**	100.00	100000/-	SC	As per KPP Portal	90 days

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11	Improvements to drains and roads at Kamakshamma Layout, Vinayaka Layout in ward no-02	100.00	100000/-	ST	As per KPP Portal	90 days
12	**Construction of Additional Class rooms at Kenchenahalli Govt School census block no 96 in Kempegowda ward No 01 of Yelahanka sub division**	12.68	31700/-	Others	As per KPP Portal	120 days
13	Construction of RO Plant and other development works at JPN colony census block No 89/1, 89/2 in chowdeshwari ward no 02 of Yelahanka sub division	25.36	50720/-	Others	As per KPP Portal	120 days
14	**Improvements to roads and drains at Suggappa Layout Census block No 21 in chowdeshwari ward no 02 of Yelahanka sub division.**	12.68	15850/-	SC	As per KPP Portal	90 days
15	Restoration of BWSSB Road cutting portion in LBS Nagara Census Block No 130/1, 130/2 & 131/2 in Yelahanka new town ward No 04	38.04	38040/-	ST	As per KPP Portal	90 days
16	**Providing and supplying of chairs, Dinning tables and other necessary furnitures to Ambedkar nagara samudhaya bhavana census block No 128 &n 132 in Yelahanka New Town ward No 04**	12.68	31700/-	Others	As per KPP Portal	90 days
17	Construction of RCC Drain at Escorts Layout 2nd A Cross road in Attur ward No 03	100.00	200000/-	Others	As per KPP Portal	90 days
18	**Developments of Balance parks at 407,707 SFS in chowdeshwari ward no 02**	100.00	200000/-	Others	As per KPP Portal	90 days
	2nd Call					
19	Maintenance and repairs to outdoor GYM Equipment's fixed in various parks in Someshwara ward no -03 of Yelahanka Satellite town sub division.	10.00	25000/-	Others	As per KPPP-Portal	365 Days

- Date of Pre bid meeting at the office Executive Engineer (Yelahanka Division) on **07-02-2024 at 16.00 hrs**
- Date of Opening of bids on 17-02-2024 **after 16:00 hours**

ESSENTIAL CONDITIONS:

1. The Tender Notification along with Blank Tender Form will be accessible in the website of Karnataka Public Procurement Portal Plat
2. form (viz https://kppp.karnataka.gov.in).
3. The interested contractors / suppliers may download the tender documents. The contractors may choose or otherwise attending the pre-bid meeting indicated in the Invitation for Tender.
4. Tender documents may be downloaded from Government of Karnataka Public Procurement Portal website (viz https://kppp.karnataka.gov.in). under login for Contractors. Aspiring

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Bidders/Contractors who have not registered in Karnataka Public Procurement Portal should register before participating through the website https://kppp.karnataka.gov.in.

5. The contractors shall submit the digitally signed tenders electronically on or before the date and time of submission published in the Karnataka Public Procurement Portal along with stipulated EMD notified in the tender document.
6. The contractor / supplier shall attach scanned DD or Bank Guarantee (for EMD) along with the bid on e-procurement portal and submit the original Bank Guarantee on before the last date and time notified in the Tender Document to the Tender Inviting authority.
7. The tenders will be evaluated only on confirmation of receipt of payment of EMD.
8. The Tender will remain valid for **180 Days** from the Date of Opening of Tender.
9. The Contractor is not eligible for submission of application for tender form if he has not put the tender after purchase of the tender document continuously for three times.
10. The Successful tenderer will have to execute an agreement with BBMP within **seven days** of receipt of intimation of Letter of Acceptance, failing which his tender will be summarily rejected without giving any further Notice.
11. The Contractor / Agency shall intimate the change, if any, in any of the addresses, in advance or maximum within one week of such change along with acknowledgement of noting down of such change in address from the bank, Income tax, GST authorities etc. Failure to do so liability lies on the Contractor / Agency what so ever.
12. The Work shall be commenced with all Men, Material Tools and Plants within 7 days from the Date of Work Order, failing to which it would be presumed that the Successful Tenderer is not interested in the Work and Action will be taken to get the Work executed through Alternate Agency at the risk and cost of the Former Tendered.
13. Defect Liability Period (DLP) and Maintenance Period will be as per Commissioner Order No: ಆ/ಪಿ.ಎಸ್.ಆರ್/G-5317/2012-13 ದಿನಾಂಕ: 28.09.2012
14. FSD will be refunded only after Defect Liability Period (DLP) as per Condition 12.
15. Tenders must be accompanied by Earnest Money Deposit specified for the work in the Table below. Earnest Money Deposit will have to be in any one of the forms as specified in the Tender document and shall have to be valid for **90 days** beyond the validity of the tender.
16. Frequency of the Quality tests of all the materials and other tests have to be conducted by contractor as per Specifications for Road and Bridge Works (5th Revision) and IRC:SP:11-1984 Handbook of Quality Control for Construction of Roads and Runways, IRC:SP:112-2017 Manual for Quality Control in Road and Bridge Works, IRC:SP:47-1998 Guidelines on Quality Systems for Road Bridges (Plain, Reinforced, Prestressed), RC:SP:57-2000 Guidelines for Quality Systems for Road Construction and Composite Concrete and SP:7-2005 National Building Code of India & other relevant Indian standards in his laboratory or any other Laboratory assigned by the BBMP on his own cost in presence of Engineer/ consultants appointed by BBMP.
17. As per Govt. Order No: LD 300/LET/2006, Dated: 18.07.2007, 1% of the bill amount will be deducted and remitted to Karnataka State Building & Other Construction Employees Welfare Board.
18. The Tenderers are advised to note the minimum qualification criteria specified in clause 3 of the Instructions to Tenderers to qualify for award of the contract **(Standard Tender Document KW 1 kw2 kw 3 kw 4** also Tenderers are advised to go through the Standard Bid Documents.
19. Any Corrigendum / Modification will be notified in the Notice Board of the Undersigned.
20. The BBMP reserves the right to accept/reject any or all tenders without assigning any reasons what so ever.

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21. **Successful Tenderer should deliver to the employer a security deposit equivalent 5% of the Contract price in form of DD / Bank Guarantee in favour of Executive Engineer, Yelahanka Divison, BBMP otherwise action will be initiated as per Standard Bid document clauses.**
22. **An additional security for unbalanced bids in the form of DD/ Bank Guarantee to be submitted in favour of of Executive Engineer, Yelahanka Divison, BBMP to the undersigned before opening of the technical 1 bid otherwise there bids will be rejected.**
23. The Tender Accepting Authority shall have the power to accept or to reject any tender without assigning any reason thereof.
24. GST will be paid to the tendered amount separately only for 2021-22 schedule of rates and for GST/VAT is included in other than 2021-22 schedule of Rates.
25. As per Government Circular No. CI 81 MMN 2014 Dt: 18.02.2014 & ಗಭೂಇ:ಡಿಸಿಬಿ/ ಕಗಗು/ರಾ.ಪ.ಕೋ/2013–14 ದಿನಾಂಕ: 13.03.2014 the contractors are liable to pay royalty in terms of the contract if they are not able to produce the materials purchased document / MDP's from where they purchase.
26. Black Listed Contractors / in Govt. / Quasi Govt. / Boards / BBMP etc., are not eligible to quote, if found such Tenders will be rejected.
27. All the participants should produce all the original documents for verification whenever necessary.
28. The work shall be carried out as per the directions of the BBMP and if necessary in coordination with BESCOM, BWSSB, Other Utility Agencies and Engineer in charge of Work.
29. No Joint Venture / Consortium is permissible.
30. The Work shall be commenced with all Men and Machinery within 7 days from the Date of Work Order, failing which it would be presumed that the Successful Tenderer is not interested in the Work and Action will be taken to get the Work executed through Alternate Agency at the risk and cost of the Former Tenderers.
31. Conditional Tenders will not be entertained and they are summarily rejected.
32. Further particulars can be had from the office of the Executive Engineer, Yelahanka Division, and BBMP during the working days between 10.00 A.M. to 5.30 P.M.
33. The Construction Debris Generated from Work Shall be dumped in Designated Dumping Yards Only.
34. If the Contractor has any liability whatsoever to the BBMP / Govt the same will be deducted from the Contractors bills.
35. Bidder shall submit the bids electronically before the stipulated date and time for the submission published in e-procurement portal. No tenders can be submitted after the due date and time as the portal will not accept late tenders.
36. The contractor / supplier can modify and correct or upload any other relevant document in the portal before last date and time of submission on e-portal. No modifications or withdrawal of tender is possible the closing time of the submission of the tender.
37. In the event of the specified date of tender opening being declared a holiday for the tender inviting authority, the tenders will be opened the next immediate working day.
38. As per Commissioner inter Office Note No:D/ಪಿಆರ್/1629/18-19 Dated:18-08-2018. The Contractors to Implement/Entrusted the works in 3 shifts round the clock.
39. Bidders Should Submit the **one set of Hard Copy with spiral Binding of all documents which are uploaded in the e-portal to this office before opening the technical bid.** Otherwise their bid will be rejected.

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40. The Bidder /Contractors should shall not Quote below the minimum labour rates prevailing @ the time of Tender Notification. If so they shall be provide the Rate Analyses for the same. (To be uploaded in e-procurement plat form).
41. The Works reserved for SC/ST category relaxation of Tender clauses will be applicable as per Government order No: FD 876 Exp-12/2017, Dated: 10-10-2017.

Sd/-
Executive Engineer
Yelahanka Division

Copy to:

1. The Chief Commissioner, BBMP for kind information.
2. Copy submitted to the Special Commissioner (Projects) for kind information.
3. Copy submitted to Zonal Commissioner (Yelahanka) For Kind Information.
4. Copy submitted to the Special Commissioner (Finance) & Tender bulletin officer, BBMP for requesting to publish the tender notification in tender bulletin.
5. Copy submitted to the Joint Commissioner (Yelahanka) for kind information.
6. Copy submitted to the Engineer-In-Chief for kind information.
7. Copy submitted to the Chief Engineer (Yelahanka) for kind information.
8. Copy submitted The Deputy Commissioner (Bengaluru Urban) for kind information & requested to arrange for publication and to send a copy of the same to this Office for further action.
9. Copy submitted to Chief Auditor / Chief Account officer for kind information
10. Copy submitted to A.C.F (Yelahanka) for information.
11. Copy to Public Relationship Officer, BBMP with request to make arrangements for publication of notification in two leading daily Kannada and English Bangalore based Newspapers as the case may be within next two days & requested to communicate the same to this Office as early as possible.
12. Copy to Acct. Suptd. / Cashier of Division office for Necessary Action..
13. Copy to IT Advisor with Soft copy for needful action to place in the BBMP website.
14. Copy to Store Keeper/ Records Section, Mayo Hall, Bangalore for information and need full action.
15. Copy to Assistant Executive Engineer (Yelahanka sub Division and Satellite Town Sub Division) for Information & Necessary Action.
16. Notice Board / Office Copy.

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SECTION 2: INSTRUCTIONS TO TENDERERS (ITT)

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A. General

1. Scope of Tender

1.1 The Executive Engineer, Yelahanka Division, Yelahanka Zone, BBMP Bangalore Referred to as Employer in these documents) invites tenders following Two Cover tender procedure, from eligible Tenderers, for the construction of works (as defined in these documents and referred to as "the works") detailed in the Table given in the Invitation for Tenders (IFT). The Tenderers may submit tenders for any or all of the works detailed in the table given in IFT.

2. Eligible Tenderers

2.1 Tenderers shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by the Government of Karnataka

2.2 **Tenders from Joint ventures are not acceptable.**

3. Qualification of the Tenderer:

3.1 All Tenderers shall provide the requested information accurately and in sufficient detail in Section 3: Qualification information.

3.2 To qualify for award of this contract, each Tenderer in its name should have in the last five years i.e., ,, 2019-20, 2020-21, 2021-22, 2022-23,2023-24

(a) achieved in at least two financial years a minimum financial turnover (in all classes of Civil Engineering construction works only of Rs. 135.00 Lakhs,

(b) satisfactorily completed (at least 50% of the contract value), as prime contractor, at least one similar nature of work value not less than Rs 35.00 Lakhs.

(c) executed in any one year, the following minimum quantities of work:

(d) Eathwork excavation - 270 Cum
(e) Geophysical investigation at site - 3 Nos
(f) Submersible Pump Set - 3 Nos

(g) 3.3 Each Tenderer should further demonstrate:

(a) Availability by owning at least 50% of the required/Specified key and critical equipment for this work and

(b) The remaining 50% can be deployed on lease/hire basis for all works provided, the relevant documents (Commitment agreements etc.) for availability for this work are furnished:
Machineries could be on Lease/Hire/Ownership:
1. super fast hydraulic rig of capacity 300 PSIG- Own/Lease

liquid assets and /or availability of credit facilities of no less than Rs. 20.50 Lakhs (Credit lines/ letter of credit/ certificates from nationalized banks for meeting the fund requirement etc

3.4 To qualify for a package of contracts made up of this and other contracts for which tenders are invited in this IFT, the Tenderer must demonstrate having experience and resources to meet the aggregate of the qualifying criteria for the individual contracts.

3.5 Sub-contractors' experience and resources shall not be taken into account in determining the Tenderer's compliance with the qualifying criteria except to the extent stated in 3.2 (d) and (e) above.

3.6 Tenderers who meet the above specified minimum qualifying criteria, will only be qualified, if their available tender capacity is more than the total tender value. The available tender capacity will be calculated as under:

Assessed available tender capacity = (A*N*2.5 - B)

Where ;

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A = Maximum value of works executed in any one year during the last five years taking into account the completed as well as works in progress.

N = Number of years prescribed for completion of the works for which tenders are invited.

B = Value, at 2022-23 price level, of existing commitments and on-going works to be completed during the next 6 Months.

Note: *The statements showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Employer in charge, not below the rank of an Executive Engineer or equivalent.*

3.2 Even though the Tenderers meet the above criteria, they are subject to be disqualified if they have:

- made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or
- record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.; and/or
- participated in the previous Tender for the same work and had quoted unreasonably high tender prices and could not furnish rational justification.

B. Tender documents

4. Content of Tender documents

The Contractor should go through the Tender Document and submit the response Technical/commercial through e-procurement portal online after downloading the tender.

5. Amendment of Tender documents

5.1 Before the deadline for submission of tenders, the Employer may modify the tender documents by issuing addenda.

5.2 Any addendum thus issued shall be part of the tender documents and shall be posted online in the e-procurement portal which Contractors should download.

5.3 To give prospective Tenderers reasonable time in which to take an addendum into account in preparing their tenders, the Employer shall extend as necessary the deadline for submission of tenders on line through e-procurement portal, in accordance with Sub-Clause 12.2 below.

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C. Preparation of Tenders

6. **Documents comprising the Tender**

6.1 The tender submitted by the Tenderer shall be in two covers and shall contain the documents as follows::

6.1.1 First Cover: (Only online)

(a) Earnest Money Deposit; on line payment through e-Procurement platform.

(c) Qualification Information as per formats given in **Section 3; Qualification Information.**

6.1.2 Second Cover: (Only online)

(a) The Tender (in the format indicated in Section 4)

(b) Priced Bill of Quantities (Section 9); online through e-procurement portal, no hardcopy of commercials should be attached or disclosed.

6.2 and any other materials required to be completed and submitted by Tenderers in accordance with these instructions. The documents listed under Sections 3, 4, 6 and 9 shall be filled in without exception. Tenderers submitting tenders together with other contracts stated in the IFT to form a package will so indicate in the tender together with any discounts offered for the award of more than one contract.

7. **Tender prices**

7.1 The contract shall be for the whole works as described in Sub-Clause 1.1, based on the priced Bill of Quantities submitted by the Tenderer.

7.2 The Tenderer shall fill in rates and prices and line item total (both in figures and words) for all items of the Works described in the Bill of Quantities along with total tender price (both in figures and words). **Items for which no rate or price is entered by the Tenderer will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities. Corrections, if any, shall be made online only before the submission of the bid.**

7.3 All duties, taxes, and other levies payable by the contractor under the contract, or for any other cause, shall be included in the rates, prices and total Tender Price submitted by the Tenderer.

7.4 The rates and prices quoted by the Tenderer shall be subject to adjustment during the performance of the Contract in accordance with the provisions of Clause of the Conditions of Contract

8. **Tender validity**

8.1 Tenders shall remain valid for a period not less than ninety days after the deadline date for tender submission specified in Clause 12. A tender valid for a shorter period shall be rejected by the Employer as non-responsive.

8.2 In exceptional circumstances, prior to expiry of the original time limit, the Employer may request that the Tenderers may extend the period of validity for a specified additional period. The request and the Tenderers' responses shall be made in writing or by cable. A Tenderer may refuse the request without forfeiting his earnest money deposit. A Tenderer agreeing to the request will not be required or permitted to modify his tender, but will be required to extend the validity of his earnest money deposit for a period of the extension, and in compliance with Clause 9 in all respects.

9. **Earnest money deposit**

9.1 Earnest Money Deposit/ Bid security

Tenders must be accompanied by Earnest Money Deposit specified for the work in the table below. Earnest money deposit will have to be submitted EMD Declaration Copy (As per Government order No:FD/675/expe-12/2020 Bangalore Dated 22-12-2020)

10. **Format and signing of Tender**

Tenderer shall submit the Bid electronically before the submission date and time published in eprocurement portal.

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D. Submission of Tenders

11. Tenderer shall submit the Bid electronically before the submission date and time published .

12. Deadline for submission of the Tenders

12.1 The Employer may extend the deadline for submission of tenders by issuing an amendment in accordance with Clause 5, in which case all rights and obligations of the Employer and the Tenderers previously subject to the original deadline will then be subject to the new deadline.

13. Late Tenders

13.1 In online eprocurement system ,you shall not be able to submit the bid after the bid submission time and date as the icon or the task in the eprocurement portal will not be available.

14. Modification and Withdrawal of Tenders

Tender has all the time to modify and correct or upload any relevant document in the portal till Bid submission date and time ,as published in the eprocurement portal .

E- Tender opening and evaluation

15. Opening of First Cover of all Tenders and evaluation to determine qualified Tenderers:

15.1 The Employer will open online the First Covers of all the Tenders received through eprocurement portal, in the presence of the Tenderers or their representatives who choose to attend at 11.00 hours on the date and the place specified in the e-procurement portal. In the event of the specified date of Tender opening being declared a holiday for the Employer, the Tenders will be opened at the appointed time and location on the next working day.

15.3 The Tenderes names, the presence or absence of earnest money deposit (amount, format and validity), the submission of qualification information and such other information as the Employer may consider appropriate will be announced by the Employer at the opening.

15.4 The Employer shall prepare minutes of the Tender opening, including the information disclosed to those present in accordance with Sub-Clause 15.3.

15.6 The Employer will evaluate and determine whether each tender (a) meets the eligibility criteria defined in ITT Clause 2; (b) is accompanied by the required earnest money deposit as per stipulations in ITT Clause and (c) meets the minimum qualification criteria stipulated in ITT Clause 3. The Employer will draw out a list of qualified Tenderers.[1]

16 Opening of Second Cover of qualified Tenderers and evaluation:

16.1 The Employer will inform all the Qualified Tenderers the time, date and venue fixed for the opening of the Second Cover containing the priced Tenders. The Employer will open online the Second Covers of Qualified Tenderers at the appointed time and date (as indicated in the e-Procurement Portal) in the presence of the Tenders or their representatives who choose to attend. In the event of the specified date of Second Cover opening being declared a holiday for the Employer, the Second Covers will be opened at the appointed time and location on the next working day.

16.4 The Employer shall prepare minutes of the Second Cover Tender opening.

[1] The evaluation of the technical aspects contained in the first cover should be completed within a reasonable period and the time gap between the opening of the first and second cover should be the minimum and in any case not more than 45 days {In exceptional cases, approval of the Secretary to the Government of the concerned Department/Managing Director of the Corporation shall be obtained, where the period is more than 45 days but less than 60 days. If it exceeds 60 days the tenders shall be reinvited.

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17. Process to be confidential

17.1 Information relating to the examination, clarification, evaluation, and comparison of Tenders and recommendations for the award of a contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced. Any effort by a Tenderer to influence the Employer's processing of Tenders or award decisions may result in the rejection of his Tender.

18 Clarification of Tenders

18.1 To assist in the examination, evaluation, and comparison of Tenders, the Employer may, at his discretion, ask any Tenderer for clarification of his Tender, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, but no change in the price or substance of the Tender shall be sought, offered, or permitted .

18.2 Subject to sub-clause 18.1, no Tenderer shall contact the Employer on any matter relating to its Tender from the time of the Tender opening to the time the contract is awarded. If the Tenderer wishes to bring additional information to the notice of the Employer, it should do so in writing.

18.3 Any effort by the Tenderer to influence the Employer in the Employer's Tender evaluation, Tender comparison or contract award decisions may result in the rejection of the Tenderers' Tender.

19. Examination of Tenders and determination of responsiveness

19.1 Prior to the detailed evaluation of Tenders, the Employer will determine whether each Tender; (a) has digitally signed; and; (b) is substantially responsive to the requirements of the Tender documents.

19.2 A substantially responsive Tender is one which conforms to all the terms, conditions, and specifications of the Tender documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality, or performance of the Works; (b) which limits in any substantial way, inconsistent with the Tender documents, the Employer's rights or the Tenderer's obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other Tenderers presenting substantially responsive Tenders.

19.3 If a Tender is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.

20 Correction of errors

The Tenderer can do Modifications before submitting their bids online only.

21. Evaluation and comparison of Tenders

21.1 The Employer will evaluate and compare only the Tenders determined to be substantially responsive in accordance with Clause 19.

21.3 The Employer reserves the right to accept or reject any variation, deviation, or alternative offer. Variations, deviations, and alternative offers and other factors which are in excess of the requirements of the Tender documents or otherwise result in unsolicited benefits for the Employer shall not be taken into account in Tender evaluation.

21.4 **If the tender of the successful tenderer is seriously unbalanced in relation to the Employer's estimate of the cost of the work to be performed under the contract, the Employer may require the Tenderer to produce detailed price analysis for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analyses, the Employer may require that the amount of the performance security set forth in Clause 25 be increased at the expense of the successful Tenderer to a level sufficient to protect the Employer against financial loss in the event of default of the successful under the contract.**

F. Award of Contract

22. Award criteria

22.1 Subject to Clause 24, the Employer will award the Contract to the Tenderer whose Tender has been determined to be substantially responsive to the Tender documents and who has offered the lowest evaluated Tender Price, provided that such Tenderer has been determined to be (a) eligible in

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accordance with the provisions of Clause 2, and (b) qualified in accordance with the provisions of Clause 3.

23. **Employer's right to accept any Tender and to reject any or all Tenders**

23.1 Notwithstanding Clause 22, the Employer reserves the right to accept or reject any Tender, and to cancel the Tender process and reject all Tenders, at any time prior to the award of Contract, without thereby incurring any liability to the affected Tenderer or Tenderers or any obligation to inform the affected Tenderer or Tenderers of the grounds for the Employer's action.

24. **Notification of award and signing of Agreement**

24.1 The Tenderer whose Tender has been accepted will be notified of the award by the Employer prior to expiration of the Tender validity period by, e-mail or facsimile or e-procurement portal or through letter . This letter (hereinafter and in the *Conditions of Contract* called the "Letter of Acceptance") will state the sum that the Employer will pay the Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price").

24.2 The notification of award will constitute the formation of the Contract, subject only to the furnishing of Security deposit in accordance with the provisions of Clause 25.

24.3 The Agreement will incorporate all agreements between the Employer and the successful Tenderer. It will be kept ready for signature of the successful Tenderer in the office of Employer within 30 days following the notification of award along with the Letter of Acceptance. Within 20 days of receipt, the successful Tenderer will sign the Agreement and deliver it to the Employer.

25.4 Upon the furnishing by the successful Tenderer of the Performance Security, the Employer will promptly notify the other Tenderers that their Tenders have been unsuccessful.

25. **Security deposit**

25.1 Within 20 days of receipt of the Letter of Acceptance, the successful Tenderer shall deliver to the Employer a Security deposit in any of the forms given below for an amount equivalent to 5% of the Contract price:-

Banker's cheque/Demand draft,/Pay Order in favour of The Executive Engineer, Yelahanka Division, BBMP, Bangalore -64. or

- A bank guarantee in the form given in Section 10

25.2 If the security deposit is provided by the successful Tenderer in the form of a Bank Guarantee, it shall be issued either by a Nationalized/Scheduled bank.

25.3 The security deposit if furnished in demand draft can, if requested, be converted to interest bearing securities at the cost of the contractor.

25.4 Failure of the successful Tenderer to comply with the requirements of Sub-Clause 25.1 shall constitute sufficient grounds for cancellation of the award and forfeiture of the Earnest money deposit.

26. **Corrupt or Fraudulent practices**

26.1 The GOK requires that the Tenderers/Suppliers/Contractors, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, GOK :

(a) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

(b) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a GOK contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a GOK contract.

26.2 Furthermore, Tenderers shall be aware of the provision stated in sub-clause 43.2 of the Conditions of Contract.

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SECTION 3: QUALIFICATION INFORMATION

The information to be filled in by the Tenderer hereunder will be used for purposes of computing Tender capacity as provided for in Clause 3 of the Instructions to Tenderers. This information will not be incorporated in the Contract.

1.1 Constitution or legal status of Tenderer [Attach copy]

Place of Registration ____________

Principal place of business: (Attach Copy) ____________

1.2 Total value of works executed and payments received in the last five years (in Rs. Lakhs) (Attach Certificate from Chartered Accountant)

2015-16 ____________
2016-17 ____________
2017-18 ____________
2018-19 ____________
2019-20 ____________

1.3 Work performed as Prime Contractor (in the same name) on works of similar nature over during the five years specified in 1.2 above. (Attach the certificate from the Engineer in charge not below the rank of Executive Engineer)

Project Name	Name of Employer	Descrip- -tion of Work	Contract Number	Value of contract Rs. Lakhs	Date of issue of work order	Specified period of completion	Actual date of completion	Remarks explaining reasons for delay in completion of work
1	2	3	4	5	6	7	8	9

1.4 Quantities of work executed as prime contractor (in the same name) during the last five years specified in 1.2 above: (Attach the certificate from the Engineer in charge not below the rank of Executive Engineer)

Year	Name of Work	Name of Employer	Quantity of work performed (As per Clause 3.2 (C)				Remarks (Indicate contract reference)
			Earth work Excavation	WBM with gade-II & Grade-III Metal	Cement Concrete	Asphalting	
2015-16							
2016-17							
2017-18							
2018-19							
2019-20							

1.5 Information on works for which Tenders have been submitted and works which are yet to be completed as on the date of this Tender.

(A) Existing commitments and on-going works: (Attach the certificate from the Engineer in charge not below the rank of Executive Engineer)

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09-02-202.

Description of Work (1)	Place & State (2)	Contract No. & Date (3)	Name and Address of Employer (4)	Value of Contract (Rs. lakhs) (5)	Stipulated period of completion (6)	Value of works[2] remaining to be completed (Rs. lakhs) (7)	Anticipated date of completion (8)

(B) Works for which Tenders already submitted:

Description of Work (1)	Place & State (2)	Name and Address of Employer (3)	Estimated value of works (Rs. lakhs) (4)	Stipulated period of completion (5)	Date when decision is expected (6)	Remarks if any (7)

1.6. The following items of equipment are considered essential for successfully carrying out the works. The Tenderer should furnish all the information listed below.

Item of Equipment	Requirement No.	Requirement Capacity	Owned	Owned and available Number/ Capacity	Owned and available Age/ Condition	Remarks

As per Section-2 A-General Clause 3.3 (a) & (b)

1.7 Reports on the financial standing of the tenderer, such as profit and loss statements and auditor's reports for the last five years;

1.8 Qualification and experience of the key technical and management personnel in permanent employment with the tenderer and those that are proposed to be deployed on this contract, if awarded.

1.9. Name, address, and telephone, telex, and fax numbers of the Tenderers' bankers who may provide references if contacted by the Employer.

1.10 Evidence of access to financial resources to meet the qualification requirement specified in ITT Clause3.3 (b): Cash in hand, Letter of Credit etc. List them below and attach certificate from the Banker in the suggested format as under:

BANKER'S CERTIFICATE

This is to certify that M/s ……………………….. is a reputed company with a good financial standing. If the contract for this work, namely Drilling of Borewell and Erection of Pumpset, Electrification to Borewell at Chikkabettahalli, Doddabettahalli and Annthapura Village Areas in Attur Ward No.03 of Yelahanka Satellite Town Sub Division is awarded to the above firm, we shall be able to provide overdraft/credit facilities to the extent of **Rs 20.50 Lakhs** to meet the working capital requirements for executing the above contract.

Sd/-
Name of the Bank, Senior Bank Manger
Address:

1.11 Proposals for subcontracting components of works amounting to more than 20% of the contract price.

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(Attach Certificate from the respective employers.)

Item of Work	Value of Sub-Contract	Identified Sub-Contractor (Name and address)	Experience of similar work
		DELETED	

1.12 Information on litigations in which the Tenderer is involved:

Other Party (ies)	Employer	Details of dispute	Amount involved	Remarks showing present status

1.13 The proposed methodology and program of construction, backed with equipment planning and deployment, duly supported with broad calculations and quality control procedures proposed to be adopted, justifying their capability of execution and completion of the work as per technical specifications within the stipulated period of completion as per milestones.

SECTION 4: FORMS OF TENDER, LETTER OF ACCEPTANCE, NOTICE TO PROCEED WITH THE WORK AND AGREEMENT FORM

Form of Tender

Description of the Works :

Drilling of Borewell and Erection of Pumpset, Electrification to Borewell at Chikkabettahalli, Doddabettahalli and Annthapura Village Areas in Attur Ward No.03 of Yelahanka Satellite Town Sub Division.

To:

The Executive Engineer
Yelahanka Division
B.B.M.P. Bangalore-64

GENTLEMEN,

We offer to execute the Works described above in accordance with the Conditions of Contract accompanying this Tender for the Contract Price of .... (in fig) ....(in letters)

This Tender and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any Tender you receive.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

We hereby confirm that this Tender complies with the Tender validity and Earnest money deposit required by the Tender documents.

We attach herewith our current income-tax clearance certificate.

Yours faithfully,
Authorized Signature:
Name & Title of Signatory: ______________________

Name of Tenderer
Address: ______________________

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Letter of Acceptance

(letterhead paper of the Employer)

____________________ [date]

To: ____ [name and address of the Contractor]

Dear Sirs,

This is to notify you that your Tender dated __________ for execution of the

Description of the Works :

Drilling of Borewell and Erection of Pumpset, Electrification to Borewell at Chikkabettahalli, Doddabettahalli and Annthapura Village Areas in Attur Ward No.03 of Yelahanka Satellite Town Sub Division..the Contract Price of Rupees ( ) [amount in words and figures], as corrected and modified in accordance with the Instructions to Tenderers is hereby accepted by our Agency.

You are hereby requested to furnish Security deposit in the form detailed in Clause 25.1 of ITT for an amount of Rs.________ within 20 days of the receipt of this letter of acceptance valid up to 30 days from the date of **expiry of Defects Liability Period i.e. up to 2 Years and sign the contract, failing which action as stated in Para 25.4 of ITT will be taken.**

Yours faithfully,

Authorized Signature

Name and Title of Signatory

Name of Agency

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Issue of Notice to proceed with the work
(letterhead of the Employer)

To

____
_______________________ (name and address of the Contractor)
____

Dear Sirs:

Pursuant to your furnishing the requisite security deposit as stipulated in ITT Clause 25.1 and signing of the contract agreement for the Drilling of Borewell and Erection of Pumpset, Electrification to Borewell at Chikkabettahalli, Doddabettahalli and Annthapura Village Areas in Attur Ward No.03 of Yelahanka Satellite Town Sub Division at Tender Price of Rs.___________, you are hereby instructed to proceed with the execution of the said works in accordance with the contract documents.

Yours faithfully,

(Signature,name and title of Signatory
authorized to sign on behalf of Employer)

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Agreement

Agreement Form

This agreement, made the ______________________ day of _______________ 20_______, between The Executive Engineer, Yelahanka Division, BBMP, Bangalore-4 (hereinafter called "the Employer") of the one part and ____ [name and address of contractor] (hereinafter called "the Contractor") of the other part. Drilling of Borewell and Erection of Pumpset, Electrification to Borewell at Chikkabettahalli, Doddabettahalli and Annthapura Village Areas in Attur Ward No.03 of Yelahanka Satellite Town Sub Division. **Contractor for the execution and completion of such Works and the remedying of any defects therein at a contract price of Rupees...............................**

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the Contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying the defects wherein the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:

   i) Letter of Acceptance;
   ii) Notice to proceed with the works;
   iii) Contractor's Tender;
   iv) Contract Data;
   v) Conditions of contract (including Special Conditions of Contract);
   vi) Specifications;
   vii) Drawings;
   viii) Bill of Quantities; and
   ix) Any other document listed in the Contract Data as forming part of the contract.

In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The Common Seal of ____

was hereunto affixed in the presence of: ____

Signed, Sealed and Delivered by the said ____

in the presence of:

Binding Signature of Employer ____

Binding Signature of Contractor ____

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SECTION 5: CONDITIONS OF CONTRACT

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Conditions of Contract

A. General

1. **Definitions**

1.1 Terms which are defined in the Contract Data are not also defined in the Conditions of Contract but keep their defined meanings. Bold letters are used to identify defined terms.

Bill of Quantities means the priced and completed Bill of Quantities forming part of the Tender.

Compensation events are those defined in Clause 34 hereunder.

The **Completion Date** is the date of completion of the Works as certified by the Employer in accordance with Sub Clause 38.1

The **Contract** is the contract between the Employer and the Contractor to execute, complete and maintain the Works. It consists of the documents listed in Clause 2.3 below.

The **Contract Data** defines the documents and other information which comprise the Contract.

The **Contractor** is a person or corporate body whose Tender to carry out the Works has been accepted by the Employer.

The **Contractor's Tender** is the completed Tender document submitted by the Contractor to the Employer.

The **Contract price** is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract.

Days are calendar days; **months** are calendar months.

A **Defect** is any part of the Works not completed in accordance with the Contract.

The **Defects liability period** is the period named in the Contract Data and calculated from the Completion Date.

The **Employer** is the party who will employ the Contractor to carry out the Works.

Equipment is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.

The **Initial Contract price** is the Contract Price listed in the Employer's Letter of Acceptance.

The **Intended Completion Date** is the date on which it is intended that the Contractor shall complete the Works. The Intended Completion Date is specified in the Contract Data. The Intended Completion Date may be revised only by the Employer by issuing an extension of time.

Materials are all supplies, including consumables, used by the contractor for incorporation in the Works.

Plant is any integral part of the Works which is to have a mechanical, electrical, electronic or chemical or biological function.

The **Site** is the area defined as such in the Contract Data.

Specification means the Specification of the Works included in the Contract and any modification or addition made or approved by the Employer.

The **Start Date** is given in the Contract Data. It is the date when the Contractor shall commence execution of the works. It does not necessarily coincide with any of the Site Possession Dates.

A **Subcontractor** is a person or corporate body who has a Contract with the Contractor to carry out a part of the work in the Contract which includes work on the Site.

A **Variation** is an instruction given by the Employer which varies the Works.

The **Works** are what the Contract requires the Contractor to construct, install, and turn over to the Employer, as defined in the Contract Data.

2. **Interpretation**

2.1 In interpreting these Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined. The Employer will provide instructions clarifying queries about the Conditions of Contract.

2.2 The documents forming the Contract shall be interpreted in the following order of priority:

(1) Agreement
(2) Letter of Acceptance, notice to proceed with the works
(3) Contractor's Tender

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(4) Contract Data
(5) Conditions of Contract
(6) Specifications
(7) Drawings
(8) Bill of quantities and
(9) Any other document listed in the Contract Data as forming part of the Contract.

3. Law governing contract

3.1 The law governing the Contract is the Laws of India supplanted by the Karnataka Local Acts.

4. Employer's decisions

4.1 Except where otherwise specifically stated, the Employer will decide contractual matters between the Employer and the Contractor.

5. Delegation

5.1 The Employer may delegate any of his duties and responsibilities to other people after notifying the Contractor and may cancel any delegation after notifying the Contractor.

6. Communications

6.1 Communications between parties which are referred to in the conditions are effective only when in writing. A notice shall be effective only when it is delivered (in terms of Indian Contract Act).

7. Subcontracting

7.1 Deleted

8. Other Contractors

8.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the Employer.

9. Personnel

9.1 The Contractor shall employ the technical personnel (of number and qualifications) as may be stipulated by GOK from time to time during the execution of the work. The technical staff so employed shall be available at site as may be stipulated by the Employer.

9.2 If the Employer asks the Contractor to remove a person who is a member of the Contractor's staff or his work force stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the work in the Contract.

10. Employer's and Contractor's risks

10.1 The Employer carries the risks which this Contract states are Employer's risks, and the Contractor carries the risks which this Contract states are Contractor's risks.

11. Employer's risks

11.1 The Employer is responsible for the excepted risks which are:

(a) In so for as rebellion, riot commotion or disorder unless solely restricted to employees of the Contractor or his Sub-Contractors arising from the conduct of the Works; or

(b) a cause due solely to the design of the Works, other than the Contractor's design; or

(c) any operation of the forces of nature (in so far as it occurs on the Site) which an experienced contractor:

(i) could not have reasonably foreseen; or

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(ii) could reasonably have foreseen, but against which he could not reasonably have taken at least one of the following measures;

(A) prevent loss or damage to physical property from occurring by taking appropriate measures or

(B) insure against such loss or damage

12. Contractor's risks

12.1 All risks of loss of or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract other than the excepted risks are the responsibility of the Contractor.

13. Queries about the Contract Data

13.1 The Employer will clarify queries on the Contract Data.

14. Contractor to construct the Works

14.1 The Contractor shall construct the Works in accordance with the Specification and Drawings.

15. The Works to be completed by the Intended Completion Date

15.1 The Contractor may commence execution of the Works on the Start Date and shall carry out the Works in accordance with the program submitted by the Contractor, as updated with the approval of the Employer, and complete them by the Intended Completion Date.

16. Safety

16.1 The Contractor shall be responsible for the safety of all activities on the Site.

17. Discoveries

17.1 Anything of historical or other interest or of significant value unexpectedly discovered on the Site is the property of the Employer. The Contractor is to notify the Employer of such discoveries and carry out the Employer's instructions for dealing with them.

18. Possession of the Site

18.1 The Employer shall give possession of all parts of the Site to the Contractor. If possession of a part is not given by the date stated in the Contract Data the Employer is deemed to have delayed the start of the relevant activities and this will be Compensation Event.

19. Access to the Site

19.1 The Contractor shall allow the Employer and any person authorized by the Employer access to the Site, to any place where work in connection with the Contract is being carried out or is intended to be carried out and to any place where materials or plant are being manufactured / fabricated / assembled for the works.

20. Instructions

20.1 The Contractor shall carry out all instructions of the Employer which comply with the applicable laws where the Site is located.

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B. Time Control

21. Program

21.1 Within the time stated in the Contract Data the Contractor shall submit to the Employer for approval a Program showing the general methods, arrangements, order, and timing for all the activities in the Works.

21.2 The Employer's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Employer again at any time. A revised Program is to show the effect of Variations and Compensation Events.

22. Extension of the Intended Completion Date

22.1 The Employer shall extend the Intended Completion Date if a Compensation Event occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date.

22.2 The Employer shall decide whether and by how much to extend the Intended Completion Date within 21 days of the Contractor asking the Employer for a decision upon the effect of a Compensation Event or Variation and submitting full supporting information.

23. Delays ordered by the Employer

23.1 The Employer may instruct the Contractor to delay the start or progress of any activity within the Works.

24. Management meetings

24.1 The Employer may require the Contractor to attend a management meeting. The business of a management meeting shall be to review the progress achieved and the plans for remaining work.

24.2 The responsibility of the parties for actions to be taken is to be decided by the Employer either at the management meeting or after the management meeting and stated in writing to be distributed to all who attended the meeting.

C. Quality Control

25. Identifying defects

25.1 The Employer shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Employer may instruct the Contractor to search for a Defect and to uncover and test any work that the Employer considers may have a Defect

26. Tests

26.1 If the Employer instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect the test shall be a Compensation Event.

27. Correction of defects

27.1 The Employer shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at Completion and is defined in the Contract Data. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.

27.2 Every time notice of a Defect is given, the Contractor shall correct the notified Defect within the length of time specified by the Employer's notice.

28. Uncorrected defects

28.1 If the Contractor has not corrected a Defect within the time specified in the Employer's notice, the Employer will assess the cost of having the Defect corrected, and the Contractor will pay this amount.

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29.1 The BOQ shall contain items for the construction, installation, testing, and commissioning work to be done by the Contractor.

29.2 The BOQ is used to calculate the Contract Price. The Contractor is paid for the quantity of the work done at the rate in the BOQ for each item

30. Variations

30.1 The Employer shall have power to order the Contractor to do any or all of the following as considered necessary or advisable during the progress of the work by him

(a) Increase or decrease of any item of work included in the Bill of Quantities (BOQ);

(b) Omit any item of work;

(c) Change the character or quality or kind of any item of work;

(d) Change the levels, lines, positions and dimensions of any part of the work;

(e) Execute additional items of work of any kind necessary for the completion of the works; and

(f) Change in any specified sequence, methods or timing of construction of any part of the work.

30.2 The Contractor shall be bound to carry out the work in accordance with any instructions in this connection, which may be given to him in writing by the Employer and such alteration shall not vitiate or invalidate the contract.

30.3 Variations shall not be made by the Contractor without an order in writing by the Employer, provided that no order in writing shall be required for increase or decrease in the quantity of an item appearing in the BOQ so long as the work executed conforms to the approved drawings.

30.4 The Contractor shall promptly request in writing the Employer to confirm verbal orders and if no such confirmation is received within 30 days failing which the work shall be carried out as though there is no variation. In case variation is approved it shall be accompanied by BOQ, failing which the contractor shall be responsible for deviation if any. Further approval of Govt. has to be obtained for the variation exceeding 5%.

31. Payments for Variations

31.1 Payment for increase in the quantities of an item in the BOQ up to 25% of that provided in the Bill of Quantities shall be made at the rates quoted by the Contractor.

31.2 For quantities in excess of 125% of the tendered quantity of an item as given in the BOQ, the Contractor shall be paid at the rate entered in or derived from in the Schedule of Rates (applicable for the area of the work and current at the time of award of contract) plus or minus the overall percentage of the original tendered rates over the current Schedule of Rates prevalent at the time of award of contract.

31.3 If there is no rate for the additional, substituted or altered item of the work in the BOQ, efforts would be made to derive the rates from those given in the BOQ or the Schedule of Rates (applicable for the area of the work and current at the time of award of contract) and if found feasible the payment would be made at the derived rate for the item plus or minus the overall percentage of the original tendered rates over the current Schedule of Rates prevalent at the time of award of contract

31.4 If the rates for additional, substituted or altered item of work cannot be determined either as at 31.1 or 31.2 or 31.3 above, the Contractor shall be requested to submit his quotation for the items supported by analysis of the rate or rates claimed, within 7 days.

31.5 If the Contractor's quotation is determined unreasonable, the Employer may order the Variation and make a change to the Contract Price which shall be based on Employer's own forecast of the effects of the Variation on the Contractor's costs.

31.6 If the Employer decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.

31.7 Under no circumstances the Contractor shall suspend the work on the plea of non-settlement of rates for items falling under this Clause.

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32. Submission of bills for payment

32.1 The Contractor shall submit to the Employer monthly bills of the value of the work completed less the cumulative amount paid previously.

32.2 The Employer shall check the Contractor's bill and determine the value of the work executed which shall comprise of (i) value of the quantities of the items in the BOQ completed and (ii) valuation of Variations and Compensation Events.

32.3 The Employer may exclude any item paid in a previous bill or reduce the proportion of any item previously paid in the light of later information.

33. Payments

33.1 Payments shall be adjusted for deductions for advance payments, other recoveries in terms of the contract and taxes, at source, as applicable under the law. The Employer shall pay the Contractor within 60 days of submission of bill. The contractor shall be liable to pay the liquidated damages for short fall in progress. For progress beyond the approved program, payment is subject to availability of grants.

33.2 Items of works for which no rates or price has been entered in will not be paid for by the Employer and shall be deemed covered by other rates and prices in the contract.

34. Compensation events

34.1 The following are Compensation events unless they are caused by the Contractor:

- (a) The Employer does not give access to a part of the Site by the Site Possession Date stated in the Contract Data.
- (b) The Employer orders a delay or does not issue drawings, specifications or instructions required for execution of works on time.
- (c) The Employer instructs the Contractor to uncover or to carry out additional tests upon work which is then found to have no Defects.
- (d) The Employer gives an instruction for dealing with an unforeseen condition, caused by the Employer, or additional work required for safety or other reasons.
- (e) The effect on the Contractor of any of the Employer's Risks.
- (f) The Employer unreasonably delays issuing a Certificate of Completion.
- (g) Other Compensation Events listed in the Contract Data or mentioned in the Contract.

34.2 If a Compensation Event would cause additional cost or would prevent the work being completed before the Intended Completion Date, the Contract Price shall be increased and/or the Intended Completion Date is extended. The Employer shall decide whether and by how much the Contract Price shall be increased and whether and by how much the Intended Completion Date shall be extended.

34.3 As soon as information demonstrating the effect of each Compensation event upon the Contractor's forecast cost has been provided by the Contractor, it is to be assessed by the Employer and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Employer shall adjust the Contract Price based on Employer's own forecast. The Employer will assume that the Contractor will react competently and promptly to the event.

34.4 The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor not having given early warning or not having cooperated with the Employer.

35. Tax

35.1 The rates quoted by the Contractor shall be deemed to be inclusive of the sales and other taxes that the Contractor will have to pay for the performance of this Contract. The Employer will perform such duties in regard to the deduction of such taxes at source as per applicable law.

36. Liquidated damages

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36.1 The Contractor shall pay liquidated damages to the Employer at the rate per day stated in the Contract Data for each day that the Completion Date is later than the Intended Completion Date (for the whole of the works or the milestone as stated in the Contract Data). The total amount of liquidated damages shall not exceed the amount defined in the Contract Data. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages does not affect the Contractor's liabilities.

36.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Employer shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment of bill.

37. Cost of Repairs:

37.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

E. Finishing the Contract

38. Completion

38.1 The Contractor shall request the Employer to issue a Certificate of Completion of the Works and the Employer will do so upon deciding that the Work is completed.

39. Taking over

39.1 The Employer shall take over the Site and the Works within seven days of issuing a certificate of Completion.

40. Final account

40.1 The Contractor shall supply to the Employer a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Employer shall issue a Defect Liability Certificate and certify any final payment that is due to the Contractor within 90 days of receiving the Contractor's account if it is correct and complete. If it is not, the Employer shall issue within 90 days a schedule that states the scope of the corrections or additions that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Employer shall decide on the amount payable to the Contractor and make payment within 60 days of receiving the Contractor's revised account.

41. As built drawings

41.1 If "as built" Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates stated in the Contract Data.

41.2 If the Contractor does not supply the Drawings by the dates stated in the Contract Data, or they do not receive the Employer's approval, the Employer shall withhold the amount stated in the Contract Data from payments due to the Contractor.

42. Termination

42.1 The Employer may terminate the Contract if the other party causes a fundamental breach of the Contract.

42.2 Fundamental breaches of Contract include, but shall not be limited to the following:

(a) the Contractor stops work for 45 days when no stoppage of work is shown on the current Program and the stoppage has not been authorized by the Employer;

(b) Deleted.

(c) The Contractor becomes bankrupt or goes into liquidation other than for a reconstruction or amalgamation;

(d) Deleted

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(e) the Employer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Employer;

(f) the Contractor does not maintain a security which is required;

(g) the Contractor has delayed the completion of works by the number of days for which the maximum amount of liquidated damages can be paid as defined in the Contract data; and

(h) if the Contractor, in the judgment of the Employer has engaged in corrupt or fraudulent practices in competing for or in the executing the Contract.

For the purpose of this paragraph : "corrupt practice" means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution. "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Tenderers (prior to or after Tender submission) designed to establish Tender prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition."

42.3 When either party to the Contract gives notice of a breach of contract to the Employer for a cause other than those listed under Sub Clause 42.2 above, the Employer shall decide whether the breach is fundamental or not.

42.4 Notwithstanding the above, the Employer may terminate the Contract for convenience.

42.5 If the Contract is terminated the Contractor shall stop work immediately, make the Site safe and secure and leave the Site as soon as reasonably possible.

43. Payment upon Termination

43.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Employer shall prepare bill for the value of the work done less advance payments received up to the date of the bill, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law and less the percentage to apply to the work not completed as indicated in the Contract Data. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor the difference shall be a debt payable to the Employer.

43.2 If the Contract is terminated at the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Employer shall prepare bill for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract, and less taxes due to be deducted at source as per applicable law and make payment accordingly.

44. Property

44.1 All materials on the Site, Plant, Equipment, Temporary Works and Works are deemed to be the property of the Employer, if the Contract is terminated because of a Contractor's default.

45. Release from performance

45.1 If the Contract is frustrated by any event entirely outside the control of either the Employer or the Contractor the Employer shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which commitment was made

General Conditions :

(a) 1% of the Tendered amount will be deducted towards "Labour Welfare Fund ".

(b) The Tenderer has to produce all the relevant Documents as indicated in the Bid Document in originals during the opening of the Technical Bid " Mandatorily " . This is in addition to Uploading all the relevant Documents in the e-procurement portal. If the Originals are not submitted, the Tender will be rejected.

(c) All other documents which are required to be submitted are to be uploaded in the e-Procurement Portal in General Documents section, while electronically submitting the bid. If any of the Documents as desired are not submitted the Tender will be rejected.

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F. Special Conditions of Contract

1. **Labour :**

The Contractor shall, unless otherwise provided in the Contract, make his own arrangements for the engagement of all staff and labour, local or other, and for their payment, housing, feeding and transport.

The Contractor shall, if required by the Employer, deliver to the Employer a return in detail, in such form and at such intervals as the Employer may prescribe, showing the staff and the numbers of the several classes of labour from time to time employed by the Contractor on the Site and such other information as the Employer may require.

2. **Compliance with labour regulations** :

During continuance of the contract, the Contractor and his sub contractors shall abide at all times by all existing labour enactments and rules made there under, regulations, notifications and bye laws of the State or Central Government or local authority and any other labour law (including rules), regulations, bye laws that may be passed or notification that may be issued under any labour law in future either by the State or the Central Government or the local authority. The Contractor shall keep the Employer indemnified in case any action is taken against the Employer by the competent authority on account of contravention of any of the provisions of any Act or rules made there under, regulations or notifications including amendments. If the Employer is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated in the notifications/bye laws/Acts/Rules/regulations including amendments, if any, on the part of the Contractor, Employer shall have the right to deduct any money due to the Contractor including his amount of security deposit. The Employer shall also have right to recover from the Contractor any sum required or estimated to be required for making good the loss or damage suffered by the Employer.

The employees of the Contractor and the Sub-Contractor in no case shall be treated as the employees of the Employer at any point of time.

3. **Protection of Environment:**

The contractor shall take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods of operation. During continuance of the contract, the contractor and his sub-contractors shall abide at all times by all existing enactments on environmental protection and rules made there under, regulations, notifications and bye-laws of the State or Central Government, or local authorities and any other law, bye-law, regulations that may be passed or notification that may be issued in this respect in future by the State or Central Government or the local authority.

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SECTION 6: CONTRACT DATA

Items marked "N/A" do not apply in this Contract.

The following documents are also part of the Contract:

The Employer is :

Clause Reference

Address: The Executive Engineer, Yelahanka Division BBMP Bangalore [1.1]

Name of authorized Representative:

The name and identification number of the Contract is

Drilling of Borewell and Erection of Pumpset, Electrification to Borewell at Chikkabettahalli, Doddabettahalli and Annthapura Village Areas in Attur Ward No.03 of Yelahanka Satellite Town Sub Division. The start date shall be the date of issue of notice to proceed with the work.

The Intended Completion Date for the whole of the Works is Four Months with the following milestones

The Site Possession Date is: One week after the issue of work order.

The Site is located at in Yelahanka Bangalore-64.
And is defined in drawings nos. [18]
The Defects Liability Period is 1 Years [1.1]

The liquidated damages for the whole of the works are Rs. 0.10 % of contract price per day [27]

The maximum amount of liquidated damages for the whole of the works is ten percent of final contract price. [36]

The date by which "as-built" drawings (in scale 1:100) in 2 sets are required is within 30 days of issue of certificate of completion

The amount to be withheld for failing to supply "as built" drawings or supply of Operation and Maintenance Manuals by the date required is Rs. 25000.00 [41]

The following events shall also be fundamental breach of the contract : [41]

1. The contractor has contravened Sub-clause 7.1 and Clause 9 of CC. [42.2]

The percentage to apply to the value of the work not completed representing the Employer's additional cost for completing the Works shall be 30 percent. [43.1]

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SECTION 7: SPECIFICATIONS

Enclosed Separately in eprocurement Portal

SECTION 8: DRAWINGS

Enclosed Separately in eprocurement Portal

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SECTION-9 BILL OF QUANTITIES

SECTION-9 BILL OF QUANTITIES

BRUHATH BENGALURU MAHANAGARA PALIKE

EXECUTIVE ENGINEER, YELAHANKLA DIIVISION

Name of Work: Drilling of Borewell and Erection of Pumpset, Electrification to Borewell at Chikkabettahalli, Doddabettahalli and Annthapura Village Areas in Attur Ward No.03 of Yelahanka Satellite Town Sub Division.

DRAFT TENDER SCHEDULE (DTS)

Sl No	Particulars	Unit	Quantity	Rate in Rs. In Fig.	Rate in Rs. In Words
1	Geophysical investigation at site for sinking borewells for Providing drinking water to the habitation either through the Hand Pump MWS or P.W.S.S, by vertical electrical sounding by adopting Venner or Schlumbergers's method, including reconnaissance survey of geological formation. Geophysical investigation of existing ground water in the vicinity, its quality, quantity and acceptability of the users, indicating the location of the site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instruments and accessories to work site, engaging technical personal and labour required etc. NOTE: 1) Additional rate on item 1&2 is allowed for drilling in over burden and fixing Casing pipes beyond 20 M (for fixing Casing pipes only) a) Above 20 M and upto 30 M - 15%, b) Above 30 M - 30% (Measurement of overburden is restricted to the depth of casing pipe fixed excluding initial depth of 20M and projection above ground level). 2) A sum of Rs. 100/- is to be deducted for Dry Borewell towards yield test. etc. complete as per the Directions of Egineer In-Charge.	Each	4.00		
2	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete) (Above 450m of drilling add 10% for every 50m depth) as per the Directions of Egineer In-Charge. a) 0.00 to 50.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	200.00		
3	b) 50.00 to 100.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	200.00		
4	c) 100.00 to 150.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	200.00		
5	d) 150.00 to 200.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	200.00		

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6	e) 200.00 to 250.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	200.00		
7	f) 250.00 to 300.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	200.00		
8	g)300.00 to 350.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	60.00		
9	Supply of ISI mark 175mm nominal bore,plain and steel casing pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest ammendments, electrical resistance welded steel tubes, material and conforming to IS 1387-1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5-7m both ends.threaded conforming to IS 554-1985 one end fixed with socket conforming to IS 4270-2001 and the other end with screwed pipes all shall be responsibaly free from defects. The tubes shall be responsible straight end should be with ISI marking weighing 25.10kg/m.prices include Collar-Medium duty as per the Directions of Egineer In-Charge.	Rmtr	300.00		
10	Providing Submersible Pump Set of 150mm dia suitable for bore well and confirming to IS 8034-2000;3Phase, SS Bowl & Impeller with Low volt Motor as per specifications, to work site as per necessary ammendments and instructions of engineer incharge of work. For 12.50 HP - 90 LPM @ 264 m = 24 STG Outlet Dia - 2.00" as per the Directions of Egineer In-Charge.	Nos	4.00		
11	Supplying and Drawing 3 Core Flat PVC Shelted Submerisible Pump Cable Manufactured With Electrolytic grade copper with flexible copper conductor confirming to table 3 class 5of IS 8130-1984 and Virgin PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts as per IS-694:1990. 3C x 6.0Sqm as per the Directions of Egineer In-Charge.	Rmtr	2400.00		
12	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50mm dia as per the Directions of Egineer In-Charge.	Each	4.00		
13	Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50 mm as per the Directions of Egineer In-Charge.	Nos	4.00		
14	Supply and delivery at site wrought middle steel (galvanized) GI union confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union as per the Directions of Egineer In-Charge.	Nos	4.00		
15	Providing, Laying and Fixing of GI pipes conforming to IS 1239:1990 with latest amendments complete with GI fittings (excluding the cost of fittings) with cuts and threads wherever necessary, including testing for water tightness, with all lead and commissioning. (contractor will make his own arrangements for procuring water for testing) For:Heavy Duty GI Pipe etc. complete. Light Duty GI pipe of 50mm dia as per the Directions of Egineer In-Charge.	Rmtr	1040.00		
16	Supply and delivery at site wrought middle steel (galvanized) GI union confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union as per the Directions of Egineer In-Charge.	Each	4.00		
17	Supply, installing,testing and commissioning COMMON control panel consisting of the following INCOMING:1 No set of Phase indicating lamps with SFU of suitable rating 1 No, Analog Ammeter, 1 No Analog Voltmeter 1ni with Phase selector switch, Isolating switch OUTGOING for Main Electrical Pump: 1	Each	4.00		

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	No. MCB 1 No. DOL of S/D Starter suitable for respective HP 1 No. Electrcal Protection Like single Phase preventor, under voltage over Volage, under current over current & dry run protection suitable for the pump described above 1 no Indoor type NOTE: 1) DOL- Direct Online Starter 2) S-D- Star Delta Starter etc. complete.6 to 15 HP pumps as per the Directions of Egineer In-Charge.				
18	Labour charges for Erection, Electrification and commissioning of Pump sets, including aligning and balancing of all items including supply and erection of two pair of supporting clamps, bore well caps, cable clips and water tight gland cable protectors, bolts, nuts, valve and gauges,tools and equipments etc., involved in the job as per specifications, with necessary tests as per specifications, with testing of as per instructions of engineer incharge of work as per the Directions of Egineer In-Charge.	Job	4.00		
19	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws. F) 20" x 20" x 2.5" as per the Directions of Egineer In-Charge.	Each	4.00		
20	Labour charges for erection of outdoor type panel board and meter board units with all necessary materials and labour, tools and equipments including providing cement concrete foundation bed etc., complete as per specification, with testing of as per instructions of engineer incharge of work as per the Directions of Egineer In-Charge.	Job	4.00		
21	Earthing: Suppluing and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts,nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia as per the Directions of Egineer In-Charge.	Job	4.00		
22	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 as per the Directions of Egineer In-Charge.	Each	4.00		
23	Supply and delivery at site brand new best make starter/ control panel suitable for following HP centrifugal pump confirming with ISI mark and its latest amendments. 10 to 12 HP centrifugal pump as per the Directions of Egineer In-Charge.	Each	4.00		
24	Yield testing of borewells at final depth with a minimum of 10 hours continuously with the help of pump testing unit including the cost of transportation charges, crew charges and cost of consumables as per the Directions of Egineer In-Charge.	Each	4.00		
25	Supplying of TPST with rewirable porcelain channels in SM enclosure. Made out of 14 SWG powder coated paint of approved colour. 32A as per the Directions of Egineer In-Charge.	Nos	4.00		
26	Supplying and fixing LED Type panel board indicating lamp with required colour Suitable for 220 V AC 50Hz 12/24 V DC Group 'A' as per the Directions of Egineer In-Charge.	Nos	12.00		
27	Supplying & fixing of Porcelain fuse channel with cutout on existing wooden/panel using necessary nuts, bolts and washers	Each	24.00		

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	as per the Directions of Egineer In-Charge.				
28	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. Flat......with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40 x 40 x 6 mm as per the Directions of Egineer In-Charge. (Per leg 2. 5MtrX2 Nos legs)-5.00 Mtr Per Box	Rmtr	20.00		
29	Supplying Fully Automatic Star- Delta Starter Unit Push Button Type With Suitable Wires 3 Contractors, One Adjustable Thermal Timer Mounted on a Common Base Plate held in Steel Enclosure For Use on 400/440 Volts 3 Phase and Wired after Fixing to the Exisiting Wooden Board For Motor, Above 12.5 HP upto 25 HP as per the Directions of Egineer In-Charge.	Nos	4.00		
30	Providing, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-2016 with latest ammendments and conveying to work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials with electrofusion welding, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bedns, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. complete. NOTE: Upto 110mm dia Coil shall be used. For :HDPE PE 80 PN 6.0 HDPE Grade PE80-PN6.0, 63mm dia (	Mtr	300.00		
31	Rewinding of submersible pumpset with copper winding wires of appropriate guage, as per specifications and / or directions of the departmental officials, including all materials, labour, equipment and testing. for all types of submersible pumpsets etc.(with guarantee period not less than 6 months) as per the Directions of Egineer In-Charge.For all types of submersible pumpsets above 7.0 HP and upto 7.5H.P as per the Directions of Egineer In-Charge.	Nos	1.00		
32	For 15.00 HP - 120 LPM @ 266 m =23 STG outlet dia-2mm	Nos	1.00		
33	Rewinding of submersible pumpset with copper winding wires of appropriate guage, as per specifications and / or directions of the departmental officials, including all materials, labour, equipment and testing. for all types of submersible pumpsets etc.(with guarantee period not less than 6 months) for For all types of submersible pumpsets above 7.0 HP and upto 7.5H.P	Nos	5.00		
34	For all types of submersible pumpsets above 10 HP and upto 11 H.P as per the Directions of Egineer In-Charge.	Nos	5.00		
35	For all types of submersible pumpsets above 12 HP and upto 13 H.Pas per the Directions of Egineer In-Charge.	Nos	5.00		
36	Replace the components of submersible pump sets, requiring replacements decided by the departmental officials, with respective make of damaged ones, including all materials, labour, equipments and testing etc.(with gurantee of period not less than 1 year) for: The bowls of same type and make as per the Directions of Egineer In-Charge. as per the Directions of Egineer In-Charge.	Each	15.00		
37	The Intermediate piece (IP) with IP leaded bronze brush as per the Directions of Egineer In-Charge.	Each	15.00		
38	The Oil Seal as per the Directions of Egineer In-Charge.	Each	15.00		
39	The Oil Seal.and steel bush as per the Directions of Egineer In-Charge.	Each	15.00		
40	The Guide Vane as per the Directions of Egineer In-Charge.	Each	15.00		

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41	The Impeller (Shell moulded with aluminium and bronze.) as per the Directions of Egineer In-Charge.	Each	15.00		
42	The discharge outlet (DO) bearing DO steel brush DO bearing as per the Directions of Egineer In-Charge.	Each	15.00		
43	The steel bearing bush (DO steel bush) as per the Directions of Egineer In-Charge.	Each	15.00		
44	The allen screw as per the Directions of Egineer In-Charge.	Each	15.00		
45	The pump shaft made out of stainless steel counterless ground with key way (upto 8 stages). Extra for Each stage @ Rs.40/-. as per the Directions of Egineer In-Charge.	Each	15.00		
46	Pump key (stainless steel) as per the Directions of Egineer In-Charge.	Each	15.00		
47	Pump coupling (stainless steel) as per the Directions of Egineer In-Charge.	Each	15.00		
48	Non-return valve (NRV) assembly complete with rubber 'O' ring as per the Directions of Egineer In-Charge.	Each	15.00		
49	Cable Guad as per the Directions of Egineer In-Charge.	Each	15.00		
50	Strainer as per the Directions of Egineer In-Charge.	Each	15.00		
51	Brass filter as per the Directions of Egineer In-Charge.	Each	15.00		
52	The Labour Charges for overhauling of the pump set as per the Directions of Egineer In-Charge.	Each	15.00		
53	C.Replacement of Motor partsReplace the components of motor parts of submersible pump sets, items requiring replacements decided by the departmental officials, with respective make of damaged ones, including all materials, labour, equipments and testing etc and wtih guarantee/warranty for one year for:Upper Flange as per the Directions of Egineer In-Charge.	Each	15.00		
54	Lower Flange as per the Directions of Egineer In-Charge.	Each	15.00		
55	Lower Housing as per the Directions of Egineer In-Charge.	Each	15.00		
56	Lock Ring as per the Directions of Egineer In-Charge.	Each	15.00		
57	Carbon Housing as per the Directions of Egineer In-Charge.	Each	15.00		
58	The Carbon Housing (Thrust bearing block assembly complete with segment bearing pad as per the Directions of Egineer In-Charge.	Each	15.00		
59	The Carbon Housing (Top carbond / ferrodo padding) as per the Directions of Egineer In-Charge.	Each	15.00		
60	Stud and Nuts as per the Directions of Egineer In-Charge.	Each	15.00		
61	The Gun Metal bearing, centrifugally cast Aluminium Bronze bearing bush as per the Directions of Egineer In-Charge.	Each	15.00		
62	Circlips as per the Directions of Egineer In-Charge.	Each	15.00		
63	Motor base with pin as per the Directions of Egineer In-Charge.	Each	15.00		
64	Transportotion of pumping machineries as per the Directions of Egineer In-Charge.	Each	15.00		
65	Labour charges Over hauling only) Motar as per the Directions of Egineer In-Charge.	Each	15.00		
66	Labour charges for Lifting of non functioning submersible pump set along with cable and GI pipes (Each length = 6m)). for 50 mm as per the Directions of Egineer In-Charge.	Job	525.00		
67	Labour charges for Erection of new / repaired submersible pump set along with GI pipes (32mm / 50mm), cable (New submersible pump set if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (Each length = 6 m)as per the Directions of Egineer In-Charge.	Job	525.00		

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68	Supplying and Drawing 3 Core Flat PVC Shelted Submersible Pump Cable Manufactured With Electrolytic grade copper with flexible copper conductor confirming to table 3 class 5of IS 8130-1984 and Virgin PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts as per IS-694:1990. 3C x 4.0Sqm as per the Directions of Egineer In-Charge.	Rmtr	600.00			
69	Water hose (pressure hose) as per the Directions of Egineer In-Charge.	Rmtr	1000.00			
70	Fabricating supplying and mounting MS box made out 14SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete., as per the Directions of Egineer In-Charge. 1200x850x2=2040000, 850x350x2=595000, (350+450)/2=400, 400x1200=480000, 480000x2=960000, 3595000/100=35950Sqcm	Sqcm	970650.00			
71	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. Flat......with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40 x 40 x 6 mm as per the Directions of Egineer In-Charge. (Per leg 2. 5MtrX2 Nos legs)-5.00 Mtr Per Box	Rmtr	140.00			
72	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws. F) 20" x 20" x 2.5" (as per the Directions of Egineer In-Charge.	Each	25.00			
73	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 as per the Directions of Egineer In-Charge.	Each	25.00			
74	Supplying & fixing of Porcelain fuse channel with cutout on existing wooden/panel using necessary nuts, bolts and washers as per the Directions of Egineer In-Charge.	Each	25.00			
75	Earthing: Suppluing and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts,nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia as per the Directions of Egineer In-Charge.	Nos	25.00			
76	Providing, Laying and Fixing of GI pipes conforming to IS 1239:1990 with latest amendments complete with GI fittings (excluding the cost of fittings) with cuts and threads wherever necessary, including testing for water tightness, with all lead and commissioning. (contractor will make his own arrangements for procuring water for testing) For:Heavy Duty GI Pipe etc. complete. Light Duty GI pipe of 50mm dia as per the Directions of Egineer In-Charge.	Rmtr	500.00			
77	Supply, installing,testing and commissioning COMMON control panel consisting of the following INCOMING:1 No set of Phase indicating lamps with SFU of suitable rating 1 No, Analog Ammeter, 1 No Analog Voltmeter 1ni with Phase selector switch, Isolating switch OUTGOING for Main Electrical Pump: 1	Each	20.00			

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	No. MCB 1 No. DOL of S/D Starter suitable for respective HP 1 No. Electrcal Protection Like single Phase preventor, under voltage over Volage, under current over current & dry run protection suitable for the pump described above 1 no Indoor type NOTE: 1) DOL- Direct Online Starter 2) S-D- Star Delta Starter etc. complete.6 to 15 HP pumps as per the Directions of Egineer In-Charge.					
78	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50mm dia as per the Directions of Egineer In-Charge.	Each	20.00			
79	Supply and delivery at site wrought middle steel (galvanized) GI union confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union as per the Directions of Egineer In-Charge.	Each	20.00			
80	Supply and delivery at site wrought middle steel (galvanized) GI elbow confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union as per the Directions of Egineer In-Charge.	Each	20.00			
81	Supply and delivery at site wrought middle steel (galvanized) GI hexagonal nipple confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI hexagonal nipple as per the Directions of Egineer In-Charge.	Each	20.00			
82	Providing wrought mild steel (galvanized) GI collar confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI collar as per the Directions of Egineer In-Charge.	Nos	198.00			
83	Re-drilling of filled-up borewell, including yield test at final depth as per the Directions of Egineer In-Charge.	mtr	275.00			
84	Logging / scanning of borewell at any depth continuously with the help of Logger unit including the cost of transportation charges, crew charges, stationery charges and cost of consumables etc as per the Directions of Egineer In-Charge.	Each	10.00			
85	Lifting of struck up Submersible Pump set, upto 300 ft as per the Directions of Egineer In-Charge.	Job	15.00			
86	Cutting and threading G.I. pipes for pump fitting, public fountains with appurtenances., where the length of pipe laid is less than 6 metres Pipes of dia 32mm to 80mm as per the Directions of Egineer In-Charge.	Each	247.00			
87	Earth work excavation for pipelines/cables by Manual means upto 600 mm trench width, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, including dressing of excavated surfaces, disposing off or leveling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m. Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering and lift upto 1.5 m including cost of labour, tools, usage& other appurtenances required to complete the work. In all kinds of soils. Depth upto 1.50m as per the Directions of Egineer In-Charge.	Cum	356.40			
88	Providing PVC ringtite pipes conforming to IS 985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with	mtr	792.00			

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	all labour with all lead & lift including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) etc. complete For: PVC pipes 50mm dia., 6 kg/sqcm & class 5 as per the Directions of Egineer In-Charge.					
89	Providing PVC ringtite pipes conforming to IS 985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) etc. complete For: PVC pipes 63mm dia., 6 kg/sqcm & class 3	mtr	200.00			
90	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m, and lift upto 1.5 m. Including cost of all labour complete as per specifications as per the Directions of Egineer In-Charge.	Cum	285.12			

SECTION 10: FORMAT OF BANK GUARANTEE FOR SECURITY DEPOSIT

To: Executive Engineer,
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WHEREAS ________________________ (hereinafter called "the Contractor") has undertaken, in pursuance of Contract No. _____ dated ______________ to execute Drilling of Borewell and Erection of Pumpset, Electrification to Borewell at Chikkabettahalli, Doddabettahalli and Annthapura Village Areas in Attur Ward No.03 of Yelahanka Satellite Town Sub Division. AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of Rs.____________________Rupees ___________________________________, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of ________________________ as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

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We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until 30 days from the date of expiry of the Defects Liability Period.

Signature and seal of the guarantor ____________________

Name of Bank ____________________

Address ____________________

Date ____________________

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